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APPLICANT(S): Darst et al.

SERIAL NO.: 09/396,651

EXAMINER: KERR, K.

DATE FILED: 9/15/99

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FOR: CRYSTAL STRUCTURE OF RNA POLYMERASE AND METHODS
OF USE THEREOF**CERTIFICATE OF MAILING UNDER 37 CFR §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on 4/14/00.

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Wang 4/14/00

(Signature and Date)

JC714 U.S. PRO
09/782714
02/13/01



Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of References AA through BR listed on the attached Form PTO-1449.

No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,



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Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO.	600-1-258
		SERIAL NO.	09/396,651
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT	Darst et al.
		FILING DATE	September 15, 1999
		GROUP	1643

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Archambault and Friesen, <i>Microbiological Reviews</i> , 57:703-724 (1993)
AB	Adams et al., <i>Proc. Natl. Acad. Sci. USA</i> , 94:5018-5023 (1997)
AC	Borukhov et al., <i>J. Biol. Chem.</i> , 266:23921-23926 (1991)
AD	Carson, <i>J. Appl. Crystallogr.</i> , 24:958-961 (1991)
AE	Cheetham et al, <i>Nature</i> , 399:80-83 (1999)
AF	Conaway and Conaway, <i>Science</i> , 248:1550-1553 (1990)
AG	Darst et al., <i>Nature</i> , 340:730-732 (1989)
AH	Darst et al., <i>Cell</i> , 66:121-128 (1991)
AI	Darst et al., <i>J. Structural Biol.</i> , 124:115-122 (1998)
AJ	Darst et al., <i>Cold Spring Harbor Symp. Quant. Biol.</i> , 63:269-276 (1998)
AK	Degryse et al., <i>Arch. Microbiol.</i> , 117:189-196 (1978)
AL	Doublie, <i>Methods Enzymol.</i> , 276:523-530 (1997)
AM	Erie et al., <i>Annual Review of Biophysics & Biomolecular Structure</i> , 21:379-415 (1992)
AN	Furey and Swaminathan, <i>Methods Enzymol.</i> , 277:590-620 (1997)

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
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Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO. 600-1-258 SERIAL NO. 09/396,651 APPLICANT Darst et al. FILING DATE September 15, 1999 GROUP 1643
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT (Use several sheets if necessary)	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Gentry and Burgess, <i>Biochemistry</i> , 32:11224-11227 (1993)
	AP	Gnatt <i>et al.</i> , <i>J. Biol. Chem.</i> , 272:30799-30805
	AQ	Gross <i>et al.</i> , <i>Philosophical Transactions of the Royal Society of London - Series B: Biological Sciences</i> , 351:475-482 (1996)
	AR	Helmann and Chamberlin, <i>Annual. Reviews of Biochemistry</i> , 57:839-872 (1988)
	AS	Heyduk <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 93:10162-10166 (1996)
	AT	Jin and Gross, <i>J. Mol. Biol.</i> , 202:45-58 (1988)
	AU	Jokerst <i>et al.</i> , <i>Mol. Gen. Genet.</i> , 215:266-275 (1989)
	AV	Jones <i>et al.</i> , <i>Acta Cryst. A</i> 47:110-119 (1991)
	AW	Markovtsov <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 93:3221-3226 (1996)
	AX	Mecsas <i>et al.</i> , <i>J. Mol. Biol.</i> , 220:585-597 (1991)
	AY	Metzger <i>et al.</i> , <i>EMBO J.</i> , 8:2745-2754 (1989)
	AZ	Mustaev <i>et al.</i> , <i>J. Biol. Chem.</i> , 266:23927-23931 (1991)
	AU	Mukherjee and Chatterji, <i>Eur. J. Biochem.</i> , 247:884-889 (1997)
	AV	Mustaev <i>et al.</i> , 91:12036-12040 (1994)
	AW	Mustaev <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 94:6641-6645 (1997)
	AX	Nicholls <i>et al.</i> , <i>Proteins Struct. Funct. Genet.</i> , 11:281-296 (1991)
	AY	Nudler <i>et al.</i> , <i>Science</i> , 281:424-428 (1998)
	AZ	Nudler <i>et al.</i> , <i>Science</i> , 273:211-217 (1996)
	BA	Nudler, <i>J. Mol. Biol.</i> , 288:1-12 (1999)
	BB	Nudler <i>et al.</i> , <i>Cell</i> , 89:33-41 (1997)

EXAMINER:

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	GROUP	1643

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BC	Otwinowski, <i>Isomorphous Replacement and Anomalous Scattering</i> (Eds. Wolf, Evans and Leslie) (Science and Engineering Research Council, Daresbury Laboratory, Daresbury, UK, 1991)
	BD	Polyakov <i>et al.</i> , <i>Cell</i> , 83:365-373 (1995)
	BE	Rost and Sander, <i>J. Mol. Biol.</i> , 232:584-599 (1993)
	BF	Sentenac <i>et al.</i> , <i>Transcriptional Regulation</i> (eds. McKnight, S. L. & Yamamoto, K. R.) 27-54 (Cold Spring Harbor Laboratory, Cold Spring Harbor, 1992)
	BG	Schickor <i>et al.</i> , <i>EMBO J.</i> , 9:2215-2220 (1990)
	BH	Schultz <i>et al.</i> , <i>EMBO J.</i> , 12:2601-2607 (1993)
	BI	Severinov <i>et al.</i> , <i>Mol. Gen. Genet.</i> , 244:120-126 (1994)
	BJ	Severinov <i>et al.</i> , 267:12813-12819 (1992)
	BK	Severinov <i>et al.</i> , <i>J. Biol. Chem.</i> , 268:14820-14825 (1993)
	BL	Severinov <i>et al.</i> , <i>J. Biol. Chem.</i> , 270:29428-29432 (1995)
	BM	Sweetser <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 84:1192-1196 (1987)
	BN	von Hippel <i>et al.</i> , <i>Annual reviews of Biochemistry</i> , 53:389-446 (1984)
	BO	Wang <i>et al.</i> , <i>J. Mol. Biol.</i> , 270:648-662 (1997)
	BP	Zakharova <i>et al.</i> , <i>J. Bacteriol.</i> , 181:3857-3859 (1999)
	BQ	Zaychikov <i>et al.</i> , <i>Science</i> , 273:107-109 (1996)
	BR	Zhang and Darst, <i>Science</i> , 281:262-266 (1998)
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